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0600Fe--Gordon Gunter Cruise 06 AUG 2-8 2010  
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\*\*\*\*DATA SOURCE\*\*\*\*

Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data for the following QC Batches: 1008072, 1008073, 1008096, 1008097, 1008102, 1008103, 1008104, and 1008105. The data sets were for samples collected from the Gordon Gunter Cruise 06 from August 2-8, 2010.

\*\*\*\*DATA COLLECTION PURPOSE\*\*\*\*

Natural Resource Damage Assessment

\*\*\*\*STUDY\*\*\*\*

The data include water chemistry data.

\*\*\*\*STATION\*\*\*\*

StationIDs are based on the locations recorded in the field sampling database or from the EPA SCRIBE database. Datums were provided when reported.

\*\*\*\*SAMPLES AND REPLICATES\*\*\*\*

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody are stored in the ExSampID field.

The default labrep code was assigned as "1A" to indicate that the results were from Alpha lab. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M

AHCN\_C09/ Nonane

AHCN\_C10/ Decane

AHCN\_C11/ Undecane

AHCN\_C12/ Dodecane

AHCN\_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M  
BTHIOPHNE/ Benzo(b)thiophene  
METHNAP\_1/ 1-Methylnaphthalene  
METHNAP\_2/ 2-Methylnaphthalene  
NAPHTHALENE/ Naphthalene  
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:

Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)  
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)  
PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

\*\*\*\*SUMMED PARAMETERS\*\*\*\*

No sums were calculated.

\*\*\*\*QUALIFIERS\*\*\*\*

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

\*\*\*\*OTHER\*\*\*\*

The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identified by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.